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EUROPEAN PATENT APPLICATION

21 Application number: 88630065.6

51 Int. Cl.⁵: F02K 1/82, F02K 1/12

22 Date of filing: 13.04.88

30 Priority: 14.04.87 US 38075

43 Date of publication of application:
19.10.88 Bulletin 88/42

84 Designated Contracting States:
DE FR GB IT

88 Date of deferred publication of the search report:
03.10.90 Bulletin 90/40

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54 Nozzle flap cooling liner.

57 A cooled liner assembly for a nozzle has a plurality of longitudinally aligned support hinges (32,34) secured to a support plate (20). A thin plate liner (18) of arcuate shape is hinged to the support hinges (32,34) with cooling air supplied between the

liner (18) and support plate (20). The liner (18) is lightweight resisting the differential pressure of 1,7 bar (25 psi) in membrane hoop stresses, with components experiencing bending moments remote from the hot gas inside the nozzle.

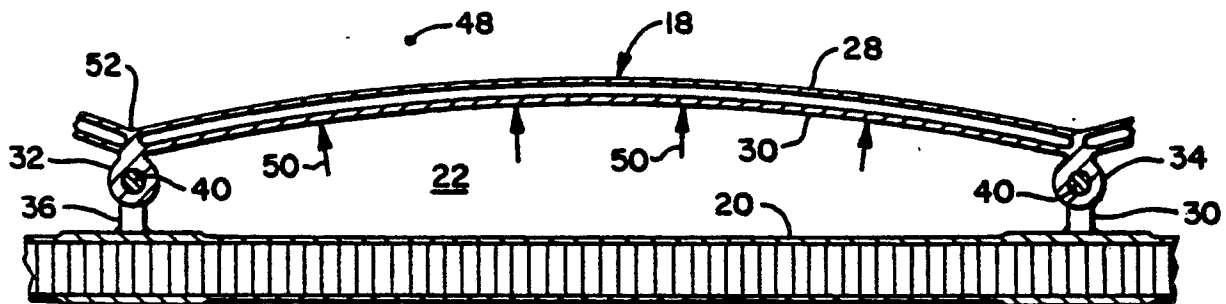


FIG. 3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 88 63 0065

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
Y	GB-A-2 132 279 (UNITED TECHNOLOGIES) * page 3, lines 116-128; page 4, lines 13-27, 67-83; figure 2b *	1,5	F 02 K 1/82 F 02 K 1/12
A	---	2	
Y	CH-A- 353 940 (DE HAVILLAND) * page 2, lines 7-83; claim; subclaims 1-3; figures 2-4 *	1,5	
A	---	3	
	GB-A-2 173 891 (AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY) * abstract; page 4, lines 16-22; claims 1,5,6; figures 2,3 * -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.4) F 02 K F 23 R
Place of search BERLIN		Date of completion of the search 02-05-1990	Examiner NOVELLI B.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			